

## **IN THE CLAIMS:**

Please amend the claims as shown below.

1. (Currently Amended) A method for tuning database objects, the method comprising:

collecting and storing performance data for a plurality of database objects in a database server computer system, wherein each of the plurality of database objects comprises an aggregation of stored data;

detecting a performance problem in ~~[[a]]~~ the database server computer system;

identifying a problematic database object of the plurality of database objects using the performance data for the plurality of database objects, wherein the problematic database object is related to the performance problem; and

tuning the problematic database object to improve performance of access to the stored data in the database server computer system.

2. (Currently Amended) The method of claim 1,

wherein ~~the~~ tuning the problematic database object to improve performance of access to the stored data in the database server computer system comprises moving the problematic database object from nonvolatile storage to volatile storage for improved speed of access.

3. (Currently Amended) The method of claim 1,

wherein ~~the~~ tuning the problematic database object to improve performance of access to the stored data in the database server computer system comprises creating a new access path to the problematic database object.

4. (Currently Amended) The method of claim 1,

wherein ~~the~~ tuning the problematic database object to improve performance of access to the stored data in the database server computer system comprises moving the problematic database object from heavily loaded storage components to less loaded storage components.

5. (Original) The method of claim 1,

wherein the performance data comprises an I/O wait.

6. (Original) The method of claim 1,

wherein the performance data comprises an application lock wait.

7. (Original) The method of claim 1,

wherein the performance data comprises a resource contention.

8. (Original) The method of claim 1, further comprising:

correlating the collected performance data to specific database objects of the plurality of database objects.

9. (Currently Amended) A ~~earlier~~ computer-readable storage medium comprising program instructions, wherein the program instructions are computer-executable to implement:

collecting and storing performance data for a plurality of database objects in a database server computer system, wherein each of the plurality of database objects comprises an aggregation of stored data;

detecting a performance problem in ~~[[a]]~~ the database server computer system;

identifying a problematic database object of the plurality of database objects using the performance data for the plurality of database objects, wherein the problematic database object is related to the performance problem; and tuning the problematic database object to improve performance of access to the stored data in the database server computer system.

10. (Currently Amended) The ~~earlier~~ computer-readable storage medium of claim 9, wherein ~~the~~ tuning the problematic database object to improve performance of access to the stored data in the database server computer system comprises moving the problematic database object from nonvolatile storage to volatile storage for improved speed of access.
11. (Currently Amended) The ~~earlier~~ computer-readable storage medium of claim 9, wherein ~~the~~ tuning the problematic database object to improve performance of access to the stored data in the database server computer system comprises creating a new access path to the problematic database object.
12. (Currently Amended) The ~~earlier~~ computer-readable storage medium of claim 9, wherein ~~the~~ tuning the problematic database object to improve performance of access to the stored data in the database server computer system comprises moving the problematic database object from heavily loaded storage components to less loaded storage components.
13. (Currently Amended) The ~~earlier~~ computer-readable storage medium of claim 9, wherein the performance data comprises an I/O wait.
14. (Currently Amended) The ~~earlier~~ computer-readable storage medium of claim 9,

wherein the performance data comprises an application lock wait.

15. (Currently Amended) The ~~earlier~~ computer-readable storage medium of claim 9,

wherein the performance data comprises a resource contention.

16. (Currently Amended) The ~~earlier~~ computer-readable storage medium of claim 9, wherein the program instructions are further computer-executable to implement:

correlating the collected performance data to specific database objects of the plurality of database objects.

17. (Currently Amended) A performance management system, comprising:

a database server comprising a plurality of database objects, wherein each of the plurality of database objects comprises an aggregation of stored data; and  
a performance warehouse which stores performance data for the plurality of database objects;

wherein the performance management system is ~~operable~~ configured to:

detect a performance problem in the database server;  
identify a problematic database object of the plurality of database objects  
using the performance data for the plurality of database objects,  
wherein the problematic database object is related to the  
performance problem; and  
tune the problematic database object to improve performance of access to  
the stored data in the database server.

18. (Currently Amended) The performance management system of claim 17,

wherein ~~the~~ tuning the problematic database object to improve performance of

access to the stored data in the database server comprises moving the problematic database object from nonvolatile storage to volatile storage for improved speed of access.

19. (Currently Amended) The performance management system of claim 17,

wherein ~~the~~ tuning the problematic database object to improve performance of access to the stored data in the database server comprises creating a new access path to the problematic database object.

20. (Currently Amended) The performance management system of claim 17,

wherein ~~the~~ tuning the problematic database object to improve performance of access to the stored data in the database server comprises moving the problematic database object from heavily loaded storage components to less loaded storage components.

21. (Original) The performance management system of claim 17,

wherein the performance data comprises an I/O wait.

22. (Original) The performance management system of claim 17,

wherein the performance data comprises an application lock wait.

23. (Original) The performance management system of claim 17,

wherein the performance data comprises a resource contention.

24. (Currently Amended) The performance management system of claim 17, ~~further comprising:~~

wherein the performance data is correlated to specific database objects of the plurality of database objects.

25. (Currently Amended) A system for tuning database objects, the system comprising:

means for collecting and storing performance data for a plurality of database objects in a database server computer system, wherein each of the plurality of database objects comprises an aggregation of stored data;

means for detecting a performance problem in ~~[[a]]~~ the database server computer system;

means for identifying a problematic database object of the plurality of database objects using the performance data for the plurality of database objects, wherein the problematic database object is related to the performance problem; and

means for tuning the problematic database object to improve performance of access to the stored data in the database server computer system.